

Useful Links & Tools

MSDS

Certificate of Analysis

Enter Lot No.

FT-IR Raman

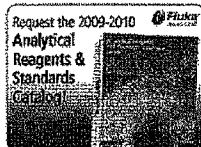
FT-IR Condensed Phase

Bulk Quote

Similar Products

Related Categories

- Alphabetic > P > POLB - POLY
- Chromatography > Polymer Standards > Polymer CRMs (BAM certified)
- Certified Reference Materials (CRMs) > Application CRMs > Polymer Standards



Last 5 Products Viewed

- 44101 (Fluka)

44101 Polyethylene oxide Standard 10'000

Fluka certified reference material (BAM)

Price and Availability

Product Number	Your Price EUR	Available to Ship	Quantity	Actions
44101-100MG-F	152.90	Date not Available details...	<input type="text"/>	

Synonym: PEG
CAS Number: 25322-68-3
Linear Formula: H(OCH₂CH₂)_nOH
MDL number: MFCD00081839
PubChem Substance ID: 24867636

[Specifications](#) | [Related Products](#) | [References](#) | [Reviews](#)

Description

Analysis Note Exact molecular weight Mw, expiry date and detailed information certification can be found on the certificate and certification report, included in each package.

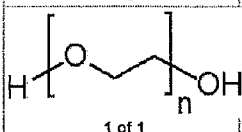
Properties

grade certified reference material (BAM)
vapor density >1 (vs air)
vapor pressure <0.01 mmHg (20 °C)
autoignition temp. 581 °F
shelf life (limited shelf life, expiry date on the label)
storage temp. 2-8°C

Safety

WGK Germany 1
RTECS TQ3500000
Flash Point(F) 444.2 °F
Flash Point(C) 229 °C

Image



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MSDS

Specification Sheet

Certificate of Analysis

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Similar Products

Related Categories

- Polymer Science > Poly(ethylene glycol) and Poly(ethylene oxide) > Poly(ethylene oxide)

Last 5 Products Viewed

- 181986 (Aldrich)
- 44101 (Fluka)

181986 Poly(ethylene oxide)

Aldrich average M_w ~100,000, powder

Price and Availability

Product Number	Your Price EUR	Available to Ship	Quantity	Actions
181986-5G	21.50	03.06.2009 details...	<input type="text"/>	
181986-250G	91.50	03.06.2009 details...	<input type="text"/>	
181986-500G	152.00	03.06.2009 details...	<input type="text"/>	

Synonym: PEO
 CAS Number: 25322-68-3
 Linear Formula: $(-\text{CH}_2\text{CH}_2\text{O}-)_n$
 MDL number: MFCD00081839
 PubChem Substance ID: 248509686²

Specifications Related Products References Reviews

Description

Frequently Asked Questions Live Chat and Frequently Asked Questions³ are available for this Product.

Application Used in conjunction with carbon black to form a conductive composite.¹
Packaging 250, 500 g in poly btl
 5 g in glass btl

Properties

form powder
mol wt average M_w ~100,000
contains 200-500 ppm BHT as inhibitor
refractive index $n_{20/D}$ 1.4539
viscosity 12-50 cP, 5 % in H_2O (25 °C, Brookfield)(lit.)
transition temp T_g -67 °C
 T_m 65 °C
density 1.13 g/mL at 25 °C

Safety

WGK Germany 1